A.N.A.R.T.S. News Bulletin 1347 for 8th May 2005.

Col's Column

Early Electrical Communication.

The Electric Telegraph Company.

In 1845 Cooke and Wheatstone formed the Electric Telegraph Company with J Ricardo, an MP as the Chairman. The intention was that Wheatstone be the scientific advisor and both he and Cooke sold all their earlier patents to the company.

The company needed to gain certain legal powers to enable it to construct their telegraph lines and put evidence before a committee of the House of Lords. Alexander Bain opposed this evidence claiming that Wheatstone had used Bain's inventions as his own, including a Recording Telegraph, an improved Needle Telegraph and an 'Electric Clock' that was capable to driving up to 60 slave clocks. Bain had such good evidence to support his claim that much to the chagrin of Wheatstone he was offered a position with the company. Another similar concession saw Wheatstone resigning from the company. Cooke was upset by this but they remained personal friends and the two families corresponded until in 1875 Wheatstone passed on. Cooke attended his funeral and lived another 4 years, dying in 1879.

The president of the Society of Telegraph Engineers said of Cooke at the time 'He survived his contemporaries, Ronalds, Wheatstone and Morse by only a few years, and with him has passed away the last of that little band of men who have been among the foremost in conferring upon the World the practical benefits of the Electric Telegraph'.

The Electric Telegraph Company went on to have a prosperous future, for many years having no serious competitors in Britain. The railways continued to grow at an astounding pace with almost all of the lines using Cooke and Wheatstone's needle telegraphs.

Travel was becoming faster and more comfortable ships like Brunels 'Great Western' began steaming across the Atlantic followed soon by Samuel Cunard's ships. The public was becoming used to travel and the use of the telegraph for information. The company under the leadership of Cooke made great strides during this time, in 1855 it owned 4,500 miles of telegraph line and the recorded capital at the same time was 800,000 pounds, amounting to millions of pounds and dollars in today's values. The company was eventually taken over by the British Post Office on 28 January 1868 under the Telegraph Act, 1868, and became the core of the Post Office Inland Telegraph Service.

More next week 73's Col VK2CTD

IPS Weekly Solar and Geophysical Report 29th Apr/5th May.

SUMMARY

Date	29	30	01	02	03	04	05
10cm flux	105	106	112	112	112	109	109
AFr index	8	13	14	6	6	4	(5 est)
Aaus index	10	14	15	7	10	3	(4 est)
T index	39	52	54	39	41	40	38

Solar flare activity was very low 29th Apr/4th May and low on 5th.

Geomagnetic activity observed for the Australian Region was quiet to unsettled 29/30th 2/3rd quiet to active on 1st and quiet on 4/5th.

Southern Australian Ionospheric F2 critical frequencies were near predicted to 15 percent enhanced on 29th near predicted to 30 percent enhanced on 30th near predicted on 1/2nd 4/5th and near predicted to 15 percent depressed on 3rd.

Forecast for 6/12th May

Solar activity should be low.

Geomagnetic activity should be mostly quiet with active intervals possible, 9/11th May.

Frequencies should be mildly depressed after local dawn on 10th May, otherwise near normal. No Short Wave Fadeouts are expected.

courtesy of the IPS Radio and Space Services

summary by Pat VK2JPA ANARTS Broadcast Officer

VK2SG RTTY DX NOTES FOR WEEKENDING 5TH MAY

Our thanks this week go to W2JGR AA5AU DJ3IW GU0SUP WX5L UT5RP and OH2AQ DXSummit.

Bandpass:

Friday 29
0534-18102 ZK2QQ Qsl JA1KAJ
0837-18104 UA0FO
1016-24943 A6/ON5NT
1112-14083 SV8CKP
1242-21081 A6/ON5NT
1719-14083 JT1CO
1755-14088 EX2M
1830-10139 OY4TN
2052-14087 CP6EB
2105-14087 EA8RA
2201-14088 CN9KD

Saturday 30

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0247- 3566 TR8CA
0648-14086 ZK2QQ
0900-14081 EI05CCC
1040-21082 A6/ON5NT
1130-14081 CX7BF
1201-14089 3B9FR
1229-10142 VQ9LA
1239-14088 JT1CO
1409-14081 EM80IARU
1421-14088 UR5WCQ
1443-14085 YB0JIV
1604-14089 EI50CCC
1618-14082 EM80IARU
1709-14087 3B9FR
1710-14080 A71EM
1838-14082 CT3IA
1948-14081 CO1RG
2007-14083 4X6ZK
2011-14082 XE1ZVO
2044-14086 SU1SK
2250-14085 HC5T
2341-14082 RA0QD

Sunday 1
0008- 7084 CO1RG
0325-24922 YB5AQB
0338-21084 YB5AQB
0602-14080 VK9NS
0630-14081 HF8VD Qsl SP8AQA
0644-14082 EV7DP
0715-14081 UN7PBY
0937- 7040 HF8VD
1004-21081 HF9VD
1151-18103 4X6UO
1238-14088 T77M
1405-14088 ZK2QQ
1528-14082 HS0ZEE
1607-14083 UP60M
1716-14083 VY2/NF6J
1849-14082 XE1ZVO
1855-14093 VR2XLN
2009-14097 CP6EB
2016-14086 CT3IA
2120-14087 CO1RG
2149-14084 EW3BF
2350-14086 SU1SK

Monday 2
0005-14086 SU1SK
0027-14081 BD1WC/2 IOTA AS-151
0046-14082 HP1DCP
0114-14085 3D2BA
0515-21087 BD1WC/2
0647-14083 UN7PYL
0739-14086 ZL7/KH0PR
0740-14079 EA6BH
0852-21086 JI3DST/JS6 IOTA AS-079
0931-21088 VR2XLN
1055-18099 SU9FL
1134-14086 JT1CO
1157-14084 C6AKA
1206-14087 3B9FR
1219-14085 TA1FA/P
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1237-18100 UT9FJ
1305-14091 ZK2QQ
1325-14090 CO1RG
1334-14083 BD1BNV/2 IOAT AS-151
1512-14086 SV5/DL3DRN
1526-14082 HF8VD
1530-14083 S79GG
1532-14089 HZ1IK
1548-14086 VR2XLN
1556-18107 SV5/DL3DRN
1622-14088 A71EM
1626-18101 AP2IA
1632-18100 SV9AHZ
1659-14097 AP2IA
1845-14088 ZK2QQ
1844-14084 EV7DP
1903-10143 HF8VD
1929- 7039 HF8VD
1955- 3587 HF8VD
2052-14090 C6AKA
2053-14087 CP6EB
2107-14085 TF3AO
2134-14088 FM5WD

Tuesday 3
0055-14085 JT1CO
0117-14088 PZ5RA
0117-14086 TG9SM
0118-14080 C6AKA
0508-10143 HF8VD
0611-14087 SV5/DL3DRN
0932-21088 ZK2QQ
1047-14085 HF8VD
1106-21084 HS0ZBS
1148-14081 UP6OM
1320-14088 VR2XLN
1328-14084 BD1WC/2
1343-14086 VU2WAP
1406-18102 S79GG
1447-14083 4K5D
1650-21084 S79GG
1847-10140 SV5/DL3DRN
1942-14080 S79GG
2058-14081 C6AKA
2106-14085 CP6EB
2206-14086 EM80IARU
2216-14082 XQ8PLY
2304-14086 EW3BF
2311-18105 ZL7/KH0PR
2318-14088 VU2WAP
2321-14086 CO1RG

Wednesday 4
0008-14085 CO1RG
0011-14082 HC1AJQ
0013-18105 ZL7/KH0PT
0024- 7045 VU2WAP
0823-14086 ZL7/KH0PR
1216-14087 3B9FR
1346-18130 S79QK
1519-14085 AP2UK
1549-18107 3B9FR
1626-14086 SV9AHZ

1633-14092 8N3X/3
1634-14081 HF9VD
1636-14084 EV7DP
1637-14085 SX1IARU
1639-14083 BX4AF
1717-18108 HZ1IK
1832-14087 S79GG
1948-14085 S79QK
2046-14087 CP6EB
2201-14082 CT1ILI

Thursday 5
0452-10140 SV5/DL3DRN
0543-21088 ZK2QQ
0606-14083 UE6YMM
0727-14084 3A0CE
0743-14083 UP60P
0806-14085 EO60JF
0906-21083 E21EIC/8
0948-21082 UP60P
1221-18105 3A0CE
1242-18107 SV5/DL3DRN
1514-14085 ZB2GG
1532-14085 FR1HZ
1623-18102 S79GG
1733-18108 9Q0AR
1750-18106 KP4FKN
1808-14083 SV5/DL3DRN
1811-18100 ON400S
1834-10140 SV5/DL3DRN
1842-14085 EN69FHY
1855-10141 EU6PW
1911-18108 9Q0AR
2023-14087 C6AKA
2025-14091 A45XR
2111- 7039 SV5/DL3DRN
2118- 3588 SV5/DL3DRN

Note of interest:

CORSICA, TK. Two Hungarian hams HA0HW and HA4DX will be
operating TK/homecall from May 22/29th all HF bands CW
SSB RTTY PSK31 perhaps also fm EU-100, EU-104, EU-164
QSL OK via Buro or direct.

Just a remind

ST. PAUL ISLAND, CY9SS. From Jun 7/Jul 7 By VY2SS VY2RO
W1AIM VE9WH VY2LI K9MU VE1PZ VE9GJ VY2OX VE2TKH VA2DV.

SABLE ISLAND CY0AA. From Jul 27/Aug 3 By W8GEX K8LEE
W9IXX active from 160-6m on CW SSB PSK RTTY.

You can also subscribe to the digital-dx reflector - send an
email message to majordomo at mla.nifty.ne.jp as follows:
Subject: (blank) Message Body: subscribe digital-dx

For next week's bulletin, send your bandpass and notes of
interest to Goetz, dj3iw at t-online.de

Gl de (DX2) Luciano I5FLN
de vk2ctd vk2ctd

OPDX Bulletin 708 May 2, 2005 -- excerpts

3V,TUNISIA (IOTA Op)
Some members of The Canary Islands DX Society have announced that they will be active from Tunez on Djerba Island (AF-083) as 3V8SM (callsign of the Tunisian Scout Radio Club in the Houmt Souk City). Activity will be on the WARC bands and on SSB PSK31 RTTY between Jul 26-29. They will also be active on SSB during the IOTA Contest Jul 30-31. The team icludes Dunia/EC8ADU Javi/ EC4DX Edu/EC8AUA and some Tunisian operators. QSL via the Bureau to Javi, EC4DX with more infomation on QRZ.com. The team would like to send out a special thanks to Mr. Mustapha DL1BDF for his great help with them. The team also recommends that DXers pay special atention to their pilot station Oscar EA4TD and his Web page for up-to-date news from the team at http://www.ea4td.com
More information is forthcoming very soon.

KENYA
It has been announced that Enrico IV3SBE will be returning to here and plans to be active as 5Z4ES. He will stay here through 2007. His activity will be during the weekends. QSL via the Kenyan QSL Bureau.

9A, CROATIA
Zik VE3ZIK (aka 4N1DX and also one of the news adminintrators at www.contesting.info), will be active from Bilice, on the Croatian coast between May 7-17. Look for him on all HF bands CW and SSB. Also he will make a special effort on 10m FM (check 29610 kHz). QSL via DL3PS the DARC Bureau is OK. Do not send QSL cards via the VE3 Bureau because he said it is too complicated to reach them. Visit the following Web page for updates and the online log at http://www.qslnet.de/ve3zik

CX, URUGUAY
Jorge CX6VM informs OPDX that he will be active on 12 17 and 30M for the next 2 weeks. He suggests to please look for him on 24911 18081 and 10111 khz (+-/- QRM). He will be using a R7000 with 100 watts. QSL via W3HNK.

D2, ANGOLA
Janne OH5NKD (OH3DD) active as D2DX is expected to be here til 2007. This past week he has be very active on PSK especially on 20/15M. His activity also includes 20/15/10M SSB. Watch for his activity between 1100-1330z and again after 1700z.

EA6, BALEARIC ISLANDS
Christain DL6KAC will once again visit Mallorca Island (IOTA EU-004 and DIE E-021) between May 4-24. Activity will be on 40-10M mainly SSB but a CW Key is available. Antennas will be dipoles using about 350 watts of power. This will be a holiday style operation. QSL via the DARC Bureau or direct (QRZ.com). He has a Web page at http://www.dl6kac.de

IOTA NEWS

AS-117. Operators JG2TZL JK2EBB JK2NWU and JN2TZB plan to be active from Saku Island (JIIA AS-117-007) Aichi prefecture from May 3. QSL via their home callsign, direct or by the bureau.

AS-117. Operators JE4YAR JJ4VQU and JN4BBM plan to be active as homecall/4 from Miya Island (JIIA AS-117-021) Hiroshima prefecture May 4-5. QSL via their home callsign, direct or by the bureau.

J3, GRENADA
Harry/AC8G and others will be active as J3A during the CQ WW DX SSB Contest (Oct 29-30) as a Multi-(?) entry. QSL route is to be announced (TBA).
ADDED NOTES: Harry states, hurricane Ivan did only nominal damage to the normal J3A operating site. However due to tempo use of the site for certain government offices, we may have limited space both interior and outside for the antenna farm. Before and after the contest (and perhaps during depending on circumstances) effort will be made to operate on various modes and bands other than used in the contest. A full team has not yet been assembled so anyone with interest should contact AC8G at hflasher at dayton.net

SPECIAL EVENT
To celebrate 'Shikoku Information Telecommunication Month' look for special event station 8N5SAIT between May 1 and Jul 31. QSL via the JARL QSL Bureau. Each letter in the callsigns suffix represents the old names of Shikokus four prefecture.
S Sanuki (kagawa Pre) I Iyo (Ehime Pre)
A Awa (Tokushima Pre) T Tosa (Kouchi Pre)

SPECIAL EVENT
To commemorate the 60th anniversary of the end of World War II look for special event stations EV6ZK (from Orsha) EV7DP (from Mogilev) EV8DP (from Gomel) and EV60BR (from Baranovichi) in the Republic of Belarus, to be active from May 1-15. QSL via UA3FDX (see the Web page at http://www.qrz.com/callsign.phtml?callsign-ua3fdx)
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SPECIAL SWEDISH PREFIXES
To commemorate the 100th anniversary of the separation of Norway and Sweden look for Swedish stations to use the following special prefixes between May 17 and Jun 7
SE - SM stations SJ - SK (club) stations
SF - SA stations SG - SL (milatary) ham stations

SV9, CRETE
Wolfgang OE1WWL will be active as SV9/OE1WWL/p from May 8-13. Activity will be on all bands SSB only, with 10 watts and a longwire antenna. QSL via his home callsign or by the bureau.

TM5, FRANCE (Special Event)
To celebrate 40th anniversary of the Radio-club de Sevran (F5KKD) near Paris members will be active as TM5KD from May 27 to Jun 11. Activity will be on all modes and bands. A special QSL card will be available. QSL via F5KKD. The radio club will also be active as TM5KD during the VHF and Above Contest the first weekend of Jul.

V2, ANTIGUA AND BARBUDA
Operators Jurgis/LY2CY and Andrius/LY2TA will be active as V25O in the CQ WW WPX CW Contest (May 28-29) as a Multi-(?) entry. Activity will be from the V26B QTH. QSL via LY2TA.

YI, IRAQ

Hal WB4E active as YI9B4E (yes callsign is correct) was
heard this past week very active on 17 meters. Watch this
band after 1700z. QSL via WB4E.

YJ, VANUATU (Also, A3)
Remember YL operators Elizabeth/VE7YL and Gwen/ VK3DYL will
be active this week from Port Vila and Aore Island (IOTA
OC-035) between May 2-19. They will receive their callsigns
upon their arrival. Their expected activity will be on 40-10M
CW SSB. QSL via VK3DYL by the bureau or direct with 2 USDs
or 1 new IRC.
ADDED NOTE They will visit Tonga (A3 - May 24/Jun 8) after
this operation. They will activate Nuku'alofa (OC-049) and
Vava'u (OC-064).

The Society can be contacted in the following ways
To Pat VK2JPA via vk2jpa at wia.org.au or
Col VK2CTD via ctdavies at bigpond.net.au or
you can drop a line to P.O. Box 93 Toongabbie, NSW 2146.
73's for this week from Pat VK2JPA Broadcast Officer
NNNN